BERNINA

Ultimate Sewing, Embroidery and Quilting.

BERNINA *830*

www.bernina.com

Tradition & Technology

BERNINA is famous for combining the latest technology with traditional Swiss craftsmanship and the 830 is its finest creation. With over 70 new functions, 15 new patents and highly innovative software the BERNINA 830 will fulfil the dreams of sewers, embroiderers and quilters alike. Pioneering features include a fully automated threading system, presser-foot control with automatic fabric-thickness recognition, programmable auto-secure function and built in dual feed. Free-motion sewing is transformed with the latest high speed BERNINA Stitch Regulator (BSR), the unique device that ensures even stitching while you simply guide your work. With meticulous attention to every detail the BERNINA 830 has been acclaimed as undoubtedly the finest sewing machine ever made.

Precision & Passion

The most space, the most speed and the most precision; the BERNINA 830 is a true revolution for home sewing. Cutting edge technology combined with Swiss craftsmanship opens a new world of previously unimagined sewing potential. Whether you sew, quilt or embroider and however demanding or ambitious your sewing task, the BERNINA 830 will let you perform faster, with flawless quality and with unparalleled ease. For anyone who is passionate about sewing, the innovative features and unmatched performance of the BERNINA 830 offer unlimited possibilities and an incomparable sewing experience.

Versatility & Elegance

Within the elegant profile of the BERNINA 830 is a machine of extraordinary proportions and capability. The meticulously engineered free arm extends further than in any other machine and with an extra-large height clearance you have the room for your very biggest creations. The centrally located, ultra-responsive touch screen is ideally positioned for finger-tip control of all machine functions without the need to turn your head away from your sewing. The materials, the workmanship, the intuitive ease of use and the timeless design all contribute to making the Bernina 830 the ultimate sewing machine.

8x High Performance

1. Most Space
2. Fastest Speeds
3. Jumbo Bobbin
4. Total Stitch Control
5. Central Screen
6. BERNINA Dual Feed
7. Fully Automatic Threading
8. Optimum Thread-Supply System

1 **Most Space**
Room for big ideas! The 830 offers substantially more space than other sewing machines. The 400 mm (15.75 inch) extended arm and over 300 mm (12 inches) to the right of the needle provide a huge space for spreading out and manoeuvring your project. No other machine offers as large an embroidery area as the 830. The new, optionally available jumbo hoop makes it possible to embroider each design in the desired size, without needing to rotate the hoop.

2 **Fastest Speeds**
Top speeds with excellent sewing and embroidery results and perfect stitch patterns! The BERNINA 830 delivers up to 1,100 stitches per minute when sewing and up to 1,000 stitches per minute when embroidering, consistently guaranteeing fast speeds, even with wider stitches.

3 **Jumbo Bobbin**
Thanks to a substantially larger bobbin, the BERNINA 830 offers 40% more thread capacity; you spend more time creating and less time preparing. What's more, the jumbo bobbin is wonderfully easy to use - open the lid, the hook swings out and the bobbin releases at the touch of a finger.

4 **Total Stitch Control**
A Bernina exclusive: Each stitch can be customised and saved, and only the BERNINA 830 offers 360° multi-directional sewing, for 9mm stitches and decorative stitches as well.
The revolutionary high speed BERNINA Stitch Regulator (BSR) ensures total control of your free motion sewing. Whether you sew fast or slow, your stitches remain consistent letting you concentrate on your creativity.

5 **Central Screen**
The touch screen is centrally located for ideal ergonomics so that the needle area and the screen with all its settings, can be viewed completely in one quick glance. The 7-inch TFT (thin-film transistor) screen gives high-resolution images and bright vivid colours from all viewing angles. Large on-screen icons enable quick navigation, and its gently touch-sensitive surface allows particularly user-friendly operation.

6 **BERNINA Dual Feed**
Reliable feed of hard-to-handle materials! Working with knits, velvet, ribbon or multiple layers? The BERNINA 830's built-in Dual Feed can be engaged when needed, to feed the fabric from both above and below. The Dual Feed System offers optimum visibility and superb manoeuvrability. Simply flip up and tuck away when not required.

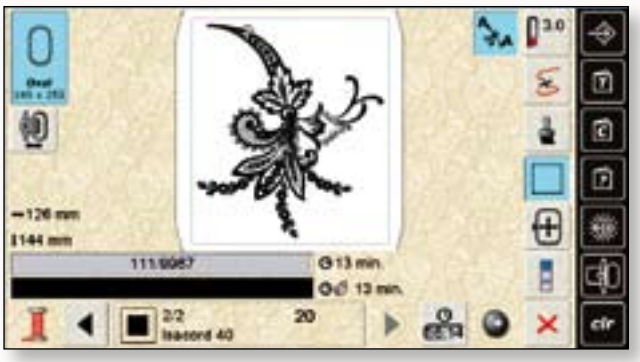
7 **Fully Automatic Threading**
Simple threading, automatically! The BERNINA 830 has its own unique system for threading the thread through the machine and the needle, in a single operation. Because it's done quickly and automatically, it leaves you more time to focus on the fun side of sewing and embroidering.

8 **Optimum Thread-Supply System**
The exclusive multi-spool holder keeps large, medium and small cones at the ready. The built-in vertical holders and telescopic guides ensure beautifully smooth and even thread release. The bobbin winder is located on the front of the 830 for easy access, and it even lets you select speed and amount of fill.

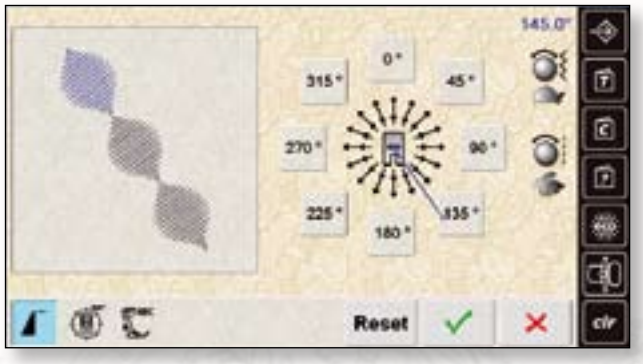
The Touchscreen

The 7-inch touchscreen offers high-resolution images and brilliant colours and is beautifully touch-sensitive and responsive – ultimate user-friendliness, with everything in your central field of vision. At the touch of the screen, cutting-edge technology lets you choose from the wealth of innovative functions and features, and personalised settings:

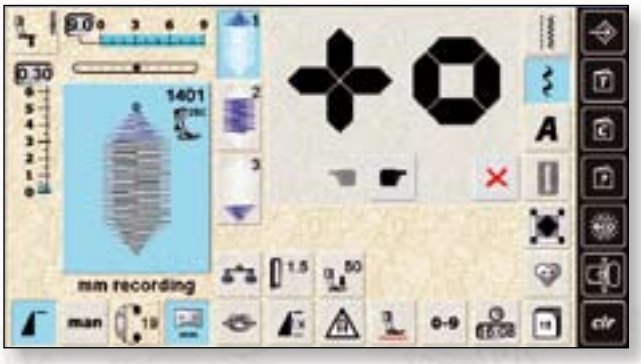
Stitch Selection: With 612 stitch patterns and sewing stitches plus 550 characters, a total of over 1000 imaginative stitches – over 250 of which were developed exclusively for the BERNINA 830 – are available to you, to combine however you like. For unique, unlimited creativity.



Built-in Embroidery Designs: Choose from a range of 150 embroidery designs and 10 embroidery alphabets, as well as from over 40 embroidery designs plus true type fonts (TTF) from the Art Design Software provided as standard. The new basting function lets you display basting lines on-screen before embroidering (around the motif and/or the inner hoop), to enable more accurate positioning of an embroidery motif. For even greater precision.

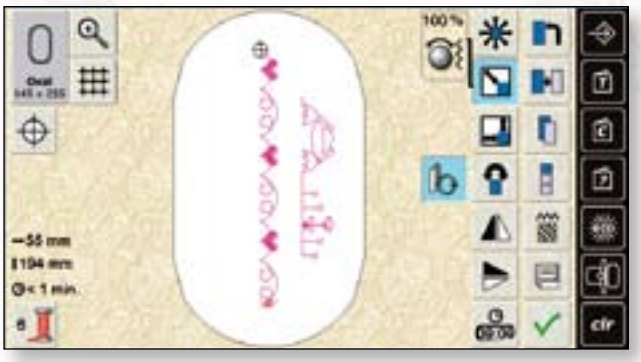


Multi-Directional Sewing: Head off in the direction of your choice with your sewing stitches or stitch combinations. The BERNINA 830 offers you genuine 360° sewing, with exact 1° increments. For maximum precision and creative freedom.

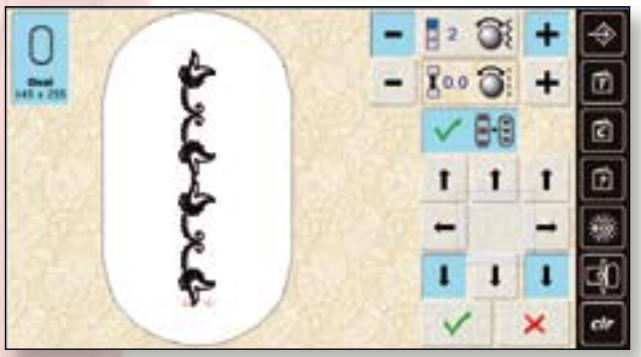


Tapering: Team your creativity with new techniques. With tapering, the beginning and end of the stitch patterns taper to a point. Choose from four different basic stitch angles. For even more creativity.

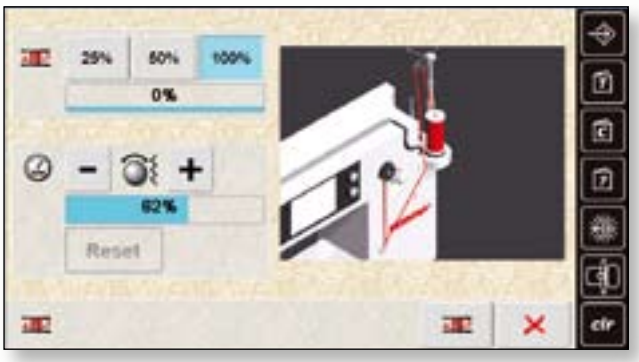
Drag-and-Drop: Edit sewing-stitch combinations and embroidery designs with the on-screen drag-and-drop function. Simply activate with the touchpen, and drag and drop. For innovative ease of operation.



Import Sewing Stitches into Embroidery Mode: The BERNINA 830 turns your ideas into reality. Every sewing stitch can also be embroidered – even buttonholes! For even more design options.



Endless Embroidery: Line up embroidery motifs in vertical orientations with ease and precision. The BERNINA 830 even sews reference points for accurate re-hooping. For even more functionality.



On-Screen Animations explain how the BERNINA 830 operates. See for yourself how simple it is to thread the needle, wind the bobbin or switch on the BERNINA Dual Feed, plus much more. For a quick helping hand, right on the screen!

5 Big, bright, and centrally positioned: the 7-inch high resolution touch screen lets you enter and read all settings. From screen background and sewing properties, to clock with memory function – it can all be customised to your requirements.

8 Thread is supplied by the multi-spool holder. Large, medium and small cones are always ready to use.

3 The extra-large bobbin offers 40% more thread capacity, meaning you spend less time preparing and more time creating!

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Ultimate Sewing, Embroidery and Quilting – the most important functions and features of the BERNINA 830 in a nutshell:

Major Functions and Features	
Innovative BERNINA Hook System NEW	The BERNINA 830 rotary hook swings out to the front for the ultimate in user-friendly operation.
Jumbo Bobbin NEW	Over 40% more capacity on the bobbin makes for greater reserves of thread, and thus significantly less preparation time.
High Resolution Central Screen NEW	With more than 65,500 colours the 7-inch high resolution colour touch screen provides crystal clear graphics; large control panels make navigation easier.
Illumination NEW	30 exceptionally bright LED lights perfectly illuminate the working area around the needle and free arm.
Maximum Stitch Width/Stitch Length	With 9mm stitch width and 6mm stitch length, all your creative dreams can come true!
BERNINA Multiple Spool Holder NEW	Pivotable thread spool holder for 3 spools; the telescopic thread guides ensure perfect thread release.
Multifunction Knobs	Experience great ease of operation with the infinitely variable setting of key functions via the multifunction rotary knobs.
Fully Automatic Threading NEW	The 830's auto-threading system makes threading your machine a delight. The machine and needle are threaded in a single operation!
BERNINA Dual Feed NEW	The built-in Bernina dual feed gives you maximum control over hard to manage fabrics.
Lower-Thread Indicator NEW	The amount of thread remaining on the bobbin is displayed as a percentage so you won't run out unexpectedly.
Automatic Thread Cutter	Top and bottom threads are automatically cut at the touch of a button.
High Speed BSR (BERNINA Stitch Regulator) NEW	This exclusive BERNINA function allows anyone to free-motion sew and quilt with beautifully even and consistent stitches using both straight stitches and zigzag.
Sewing and Embroidery Tutorial	A quick helping hand is provided by this on-screen user manual, accessed via the touchscreen.
PC Connection and Data Transfer	The latest technology for cutting-edge data exchange: 1 USB interface for a PC and 2 USB interfaces for USB sticks.
Drag & Drop NEW	Moving designs around in sewing and embroidery mode is simple: just select with the touchpen, and drag and drop into place!
Bobbin Winding NEW	The front loading bobbin winder is effortless to use and you can even set the desired amount of fill.
Needle Memory NEW	Information on the needle used for a stitch function can be saved and recalled when needed.
Personal Program	Individually altered stitch patterns can be saved in a choice of 4 different folders for maximum flexibility.
Eco-Mode	Save electricity with the standby function's eco mode.
Sewing	
Sewing Speed NEW	At 1100 stitches per minute, the BERNINA 830 sews faster than any other sewing and embroidery system on the market!
Number of Stitch Patterns NEW	A total of 1162 stitch patterns are at your fingertips (612 sewing stitches plus 5 alphabets and monograms).
Automatic Buttonhole NEW	The length and slit width of a buttonhole can be programmed and subsequently duplicated as often as you like.
Programmable Securing Function NEW	Personalise the auto-secure function to your needs, e.g. sew securing stitches, raise presser foot and cut thread at one touch of a button.
Sideways Motion NEW	The 360° multidirectional sewing is extraordinary – sew any stitch in any direction and you can even change direction while you sew.
Creative Consultant	Thanks to the Creative Consultant the optimal settings for every sewing application can be automatically set.
Tapering NEW	The tapering function lets you alter the shape of many stitches to create countless new versions.
Standard Accessories	
Presser Feet in Standard Accessories	BERNINA's exclusive solid presser feet, including: 1C standard foot, 1D standard dual feed foot, 2A overlock foot, 3C buttonhole foot, 3A automatic buttonhole foot, 4D dual feed zipper foot, 5 blindstitch foot, 18 button-sew-on foot, 20C open embroidery foot, 26 free motion embroidery foot, 40C sideways motion foot.
BERNINA Stitch Regulator (BSR)	BERNINA's unique BSR foot automatically senses how you move the fabric to ensure even and consistent free-motion stitches however fast or slow you guide your work.
FHS (Free Hand System)	The knee lever allows you to keep both hands on your project whilst you raise or lower the presser foot.
Free-Arm Extension Table	Supplied as standard, the sturdy extension table provides you with the largest working surface available for sewing and embroidery projects.
Accessory Box	Store your BERNINA accessories neatly and visibly in this box.
Foot Control with Heel Down Function	Tap the foot control with your heel to raise or lower the needle.
Embroidery	
Embroidering Speed NEW	At 1000 stitches per minute, the BERNINA 830 embroiders faster than any other domestic machine.
Embroidery Designs	150 beautiful embroidery designs from international artists such as Diane Gaudynski, Louisa Meyer and S. Müller.
Embroidery Alphabets	There are 10 built-in fonts always at the ready.
Design Editing	Mirror, rotate, combine – your creativity begins right at the touchscreen of your BERNINA 830.
Endless Embroidery NEW	All designs can be combined horizontally and vertically for continuous sewing, sizes can be adjusted automatically to the hoop and reference points are stitched for easy re-hooping.
Embroider Sewing Stitches NEW	All sewing stitches, including buttonholes as well as combinations, can be edited and stitched out in embroidery mode.
Basting Function NEW	Basting stitches are placed around the selected design within the embroidery hoop to facilitate placement.
Free-Arm Embroidery NEW	Three embroidery hoops are supplied as standard: small (72x50 mm), medium (100x130 mm) and large oval (145x255 mm) all of which can be used for free arm work.
Art Design Embroidery Software NEW	Customise your designs with the exclusive Art Design software including over 40 embroidery motifs in .art format and true type fonts. It is a perfect introduction to the BERNINA world of creative embroidery.

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Experience it. Now!
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